

Multiplying and Dividing Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $3\frac{1}{6} \div 4\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $5\frac{7}{9} \div 3\frac{3}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $4\frac{1}{3} \times 5\frac{2}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $3\frac{2}{3} \div 4\frac{1}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $2\frac{3}{4} \times 5\frac{7}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $3\frac{5}{6} \div 3\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $2\frac{1}{8} \times 4\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $4\frac{4}{5} \div 1\frac{2}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $4\frac{4}{9} \times 1\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $2\frac{2}{3} \times 4\frac{3}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{6} \div 4\frac{2}{3} = \frac{19}{6} \div \frac{14}{3} = \frac{19}{6} \times \frac{3}{14} = \frac{57}{84} = \frac{19}{28}$$

$$2. \quad 5\frac{7}{9} \div 3\frac{3}{5} = \frac{52}{9} \div \frac{18}{5} = \frac{52}{9} \times \frac{5}{18} = \frac{260}{162} = \frac{130}{81} = 1\frac{49}{81}$$

$$3. \quad 4\frac{1}{3} \times 5\frac{2}{5} = \frac{13}{3} \times \frac{27}{5} = \frac{351}{15} = \frac{117}{5} = 23\frac{2}{5}$$

$$4. \quad 3\frac{2}{3} \div 4\frac{1}{3} = \frac{11}{3} \div \frac{13}{3} = \frac{11}{3} \times \frac{3}{13} = \frac{33}{39} = \frac{11}{13}$$

$$5. \quad 2\frac{3}{4} \times 5\frac{7}{9} = \frac{11}{4} \times \frac{52}{9} = \frac{572}{36} = \frac{143}{9} = 15\frac{8}{9}$$

$$6. \quad 3\frac{5}{6} \div 3\frac{1}{2} = \frac{23}{6} \div \frac{7}{2} = \frac{23}{6} \times \frac{2}{7} = \frac{46}{42} = \frac{23}{21} = 1\frac{2}{21}$$

$$7. \quad 2\frac{1}{8} \times 4\frac{6}{7} = \frac{17}{8} \times \frac{34}{7} = \frac{578}{56} = \frac{289}{28} = 10\frac{9}{28}$$

$$8. \quad 4\frac{4}{5} \div 1\frac{2}{7} = \frac{24}{5} \div \frac{9}{7} = \frac{24}{5} \times \frac{7}{9} = \frac{168}{45} = \frac{56}{15} = 3\frac{11}{15}$$

$$9. \quad 4\frac{4}{9} \times 1\frac{1}{2} = \frac{40}{9} \times \frac{3}{2} = \frac{120}{18} = \frac{20}{3} = 6\frac{2}{3}$$

$$10. \quad 2\frac{2}{3} \times 4\frac{3}{4} = \frac{8}{3} \times \frac{19}{4} = \frac{152}{12} = \frac{38}{3} = 12\frac{2}{3}$$